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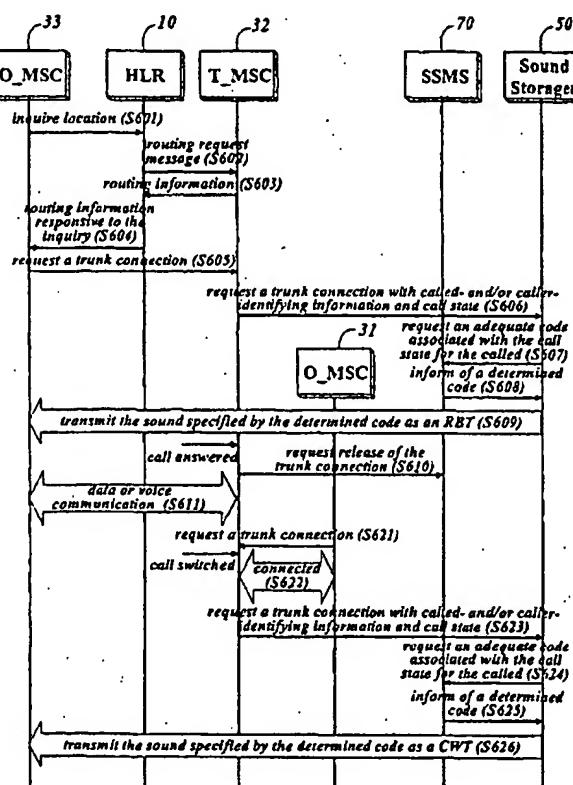
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(54) Title: METHOD FOR PROVIDING A TONE REPLACING SOUND CHOSEN BY A SUBSCRIBER IN CALL WAITING SERVICE



(57) **Abstract:** The present invention relates to method for providing an arbitrary sound chosen by a called subscriber instead of an ordinary tone to a calling or call-waiting subscriber. In this present invention, if a call is received, a terminating exchanger requests a trunk connection to a sound db server based on the first information on whether or not to replace an ordinary tone and the second information on a route to the sound db server that were received from a home location register (HLR) when a called was registered, and provides the called identification and call state (idle/busy or call-waiting, etc.) for the sound server. Then, the sound db server searches its db for a sound associated with the call state specified by the called, and provides the found sound for the caller instead of a conventional tone via the terminating exchanger. Through this sequential procedure of network elements, a caller can hear a sound specified by a called instead of a dry ordinary tone.

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